

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-151484
 (43)Date of publication of application : 30.05.2000

(51)Int.Cl.

H04B 7/06
 H04B 7/02
 H04B 7/26
 H04Q 7/34

(21)Application number : 11-314724

(22)Date of filing : 05.11.1999

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(30)Priority

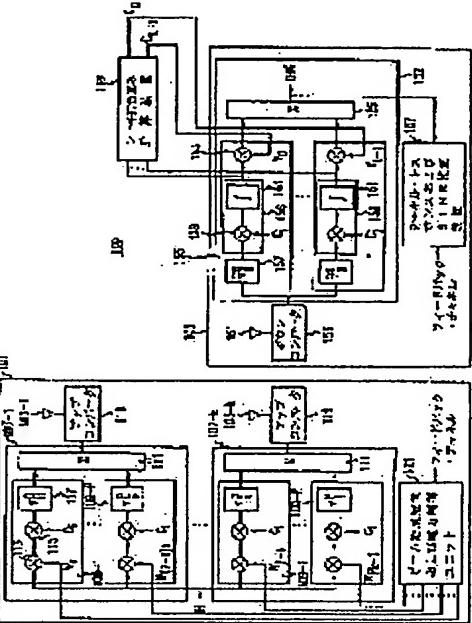
Priority number : 98 187878 Priority date : 06.11.1998 Priority country : US

(54) SPACE-TIME DIVERSITY FOR RADIO SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a space-time diversity for increasing the capacity of a radio system by constituting the diversity of a stage for deciding an operation parameter which a base station uses for almost simultaneously controlling respective transmission beam patterns, or the like.

SOLUTION: A radio transmitter for user 101, which is used in a base station, and a radio receiver 103 used in a radio terminal are contained. The radio transmitter 101 includes antennas 105 including an antenna 105-1 to 105-K. The respective antennas 105 receive the supply of signals from respective associated transmission modules 107. The respective transmission modules 107 contain P-pieces of diversity modules 109, a coupling device 111 and an up converter 119. Then, an operation parameter which the base station uses is decided for simultaneously controlling respective transmission beam patterns formed for establishing a radio channel between the base station and the respective radio terminals as the function of received channel information.



LEGAL STATUS

[Date of request for examination] 22.02.2001

[Date of sending the examiner's decision of rejection] 26.07.2004

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]